Documentation:

Project Overview:

Provide an introduction to your project. Explain the importance of analyzing COVID-19 vaccine data and the objectives of your analysis.

Problem Statement:

Clearly outline the problem you aimed to address through your analysis. Explain the context and the significance of the problem.

Design Thinking Process:

Describe the design thinking process you followed. Explain how you approached the problem, identified user needs, and iteratively developed solutions. This may include brainstorming, ideation, and prototyping.

Development Phases:

Detail the phases of your project, from data collection and preprocessing to analysis and visualization. Provide a clear timeline and sequence of steps taken.

Data Sources and Preprocessing:

Explain the data sources used, including the dataset's origin (e.g., Kaggle). Mention any data collection challenges or issues.

Describe the data preprocessing steps taken, such as handling missing values, data cleaning, and feature engineering. Share any transformations applied to make the data suitable for analysis.

Analysis Techniques:

Describe the analysis techniques and statistical methods applied during the project. Explain why you chose these techniques and how they relate to your problem statement.

Key Findings and Insights:

Present the most important findings and insights you derived from your analysis. Highlight any trends, correlations, or patterns you discovered in the data.

Recommendations:

Offer recommendations based on your analysis. These could include suggested actions, policy changes, or further research directions.

Submission:

Compile Code Files:

Organize and compile all code files related to your project, including data preprocessing, exploratory data analysis, and visualization. Ensure the code is well-documented with comments.

README File:

Create a detailed README file that explains how to run your code and any dependencies. Include installation instructions for required libraries. Provide examples or usage instructions.

Submission Platform:

Choose a platform for your project submission, such as GitHub or a personal portfolio website.

GitHub Repository (If Applicable):

If you use GitHub, create a repository for your project. Upload your code files and documentation, and make it publicly accessible or share access with reviewers.

Project Documentation:

Upload your project documentation, which should include the problem statement, design thinking process, development phases, data sources, preprocessing steps, analysis techniques, findings, insights, and recommendations.

README File Link:

Share the link to your project's README file in your submission.

Dataset Source Citation:

Include a citation or acknowledgment for the dataset you used, referencing the original source (in this case, the Kaggle dataset).

File Naming Convention:

Ensure that your project files, including the notebook, README, and other documents, follow the naming convention "DAC\_Phase5" as per the assignment's requirements.

By following these steps, you'll have a well-documented and organized project ready for submission. Reviewers will be able to understand the problem, your approach, and the insights you gained from the COVID-19 vaccine analysis.